



COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT
Planning Division
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Landscape Document Package Outline and Checklist

Name: _____ Date: _____

Location: _____ Company/Project: _____

Owner: _____ Applicant: _____

Water Conservation Concept Statement

Brief description of the project and how its design will conserve water:

Package Checklist

The package shall contain the following completed items:

- ☐ **Calculation of MAWA-Maximum Applied Water Allowance. Use attached calculation sheet.**
- ☐ **Calculation of EWU- Estimated total Water Use. Use attached calculation sheet**
- ☐ **Estimated Applied Water Use- Sum of water recommended in the Irrigation Schedule**
- ☐ **Landscape Design Plan**
- ☐ **Irrigation Design Plan**
- ☐ **Irrigation Schedule- Use Attached Sheet**
- ☐ **Maintenance Schedule- Use Attached Sheet**
- ☐ **Landscape Irrigation Audit Schedule – Use attached sheet**
- ☐ **Grading Design Plan**
- ☐ **Soil Analysis**

Certificate of Substantial Completion shall be submitted after project installation.

Landscape installation shall be verified and approved by a Landscape Professional.

Calculation Sheet (Copy for additional zones if needed)

Total Landscaped Area

L.A. (sq. ft.)

Hydro Zone Breakdown

1) High water using plants (0.7-1.0) Area
(P.F.)

=

(sq. ft.)

2) Average water using plants (0.4- 0.6) Area
(P.F.)

=

(sq. ft.)

3) Low water using plants (0.0- 0.3) Area
(P.F.)

=

(sq. ft.)

Maximum Applied Water Allowance (M.A.W.A.)

M.A.W.A. = $\frac{33.0}{(E.T.)} \times \frac{0.8}{(A.F.)} \times \frac{\text{Area}}{(L.A.)} \times \frac{0.62}{(C.F.)}$

=

Estimated Water Use (E.W.U.)

Gallons

E.W.U. (1)= $\frac{33.0}{(E.T.)} \times \frac{\text{Area}}{(P.F.)} \times \frac{\text{Area}}{(H.A.)} \times \frac{0.62}{(C.F.)}$

=

Gallons

(I.E.)

E.W.U. (2)= $\frac{33.0}{(E.T.)} \times \frac{\text{Area}}{(P.F.)} \times \frac{\text{Area}}{(H.A.)} \times \frac{0.62}{(C.F.)}$

=

Gallons

(I.E.)

E.W.U. (3)= $\frac{33.0}{(E.T.)} \times \frac{\text{Area}}{(P.F.)} \times \frac{\text{Area}}{(H.A.)} \times \frac{0.62}{(C.F.)}$

=

Gallons

(I.E.)

Total Estimated Water Use

+ + = <

E.W.U. (1) E.W.U. (2) E.W.U. (3) Total Gallons MAWA

Gallons

P.F. = Plant Factor - Must be between 0.1- 1.0.

E.T. = Evapotranspiration Rate – Mammoth Lakes 6 month growing season

C.F. = Conversion Factor – Constant number

A.F. = Adjustment Factor – Constant number

H.A. = Hydro zone Area - Area of each Hydro zone.

I.E. = Irrigation Efficiency * Must be greater than .625.

L.A. = Landscape Area - Total Landscaped area of project.

Irrigation Schedule

☐ **Plant Establishment Period Irrigation Schedule**

May: _____ August: _____
 June: _____ September: _____
 July: _____ October: _____

☐ **Established Landscape Irrigation Schedule:**

Hydrozone	Run Time (minutes/cycle)	Suggested (cycles/day)	Frequency per Station (days/week)	Recommended monthly (gallons)

Estimated Applied Water Use per Year _____ (Gallons)

Maintenance Schedule

<u>Maintenance Items</u>	<u>Maintenance Frequency</u>
Irrigation Equipment	
Resetting Automatic Controller	
Aerating Turf	
Replenishing Mulch	
Fertilizing	
Pruning and Weeding	

Irrigation Audit Schedule

Day/Month/Year: _____	By: _____
Day/Month/Year: _____	By: _____
Day/Month/Year: _____	By: _____